

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1-37. (Cancelled)

38. (Currently amended) A method for identifying a glucocorticoid receptor (GR)GR modulator, the method comprising:

(a) providing atomic coordinates of a GR polypeptide structure complex comprising an expanded binding pocket to a computerized modeling system; and
(b) modeling a ligand that fits spatially into the large pocket volume of the GR polypeptide structure complex to thereby identify a GR modulator wherein the pocket volume of the A-subunit of said expanded binding pocket is increased by about 58 cubic angstroms in comparison with the corresponding subunit of the GR/dexamethasone structure having the coordinates set forth in Table 3, and the pocket volume of the B-subunit of said expanded binding pocket is increased by about 138 cubic angstroms in comparison with the corresponding subunit of the GR/dexamethasone structure having the coordinates set forth in Table 3.

39. (Currently amended) The method of claim 38, wherein the GR polypeptide is comprised within a GR polypeptide complex which further comprises a co-activator and fluticasone propionate.

40. (Currently amended) The method of claim 39, wherein the co-activator peptide is a transcription intermediary factor 2 (TIF2) TIF2 peptide.

41. (Original) The method of claim 40, wherein the TIF2 peptide comprises the sequence of SEQ ID NO: 9.

42. (Currently amended) The method of claim 38, wherein the GR polypeptide comprises one of the amino acid sequence set forth in SEQ ID NO: 6 and SEQ ID NO: 8.

43. The method of claim 38, wherein the ligand is a non-steroid compound.

44. (Currently amended) The method of claim 38, wherein the atomic coordinates are comprise one of the atomic coordinates shown in Table 2 ~~and a subset of the atomic coordinates shown in Table 2.~~

45. (Original) The method of claim 38, wherein the method further comprises identifying in an assay for GR-mediated activity a modeled ligand that increases or decreases the activity of the GR.

46-112. (Cancelled)

113. (New) The method of claim 38, wherein the GR polypeptide comprises the amino acid sequence set forth in SEQ ID NO: 8.

114. (New) The method of claim 38, wherein the GR polypeptide is comprised within a polypeptide complex which further comprises a co-activator.

115. (New) The method of claim 39, wherein the atomic coordinates are the atomic coordinates shown in Table 2.

116. (New) The method of claim 40, wherein the atomic coordinates are the atomic coordinates shown in Table 2.

117. (New) The method of claim 41, wherein the atomic coordinates are the atomic coordinates shown in Table 2.

118. (New) The method of claim 42, wherein the atomic coordinates are the atomic coordinates shown in Table 2.

119. (New) The method of claim 43, wherein the atomic coordinates are the atomic coordinates shown in Table 2.

120. (New) The method of claim 45, wherein the atomic coordinates are the atomic coordinates shown in Table 2.

121. (New) The method of claim 113, wherein the atomic coordinates are the atomic coordinates shown in Table 2.